

Washington State Daily Situation Weather Brief

Sunday, August 1, 2021

1000 hrs.

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Images courtesy National Weather Service and NOAA Global Systems Laboratory

Today/Tonight:

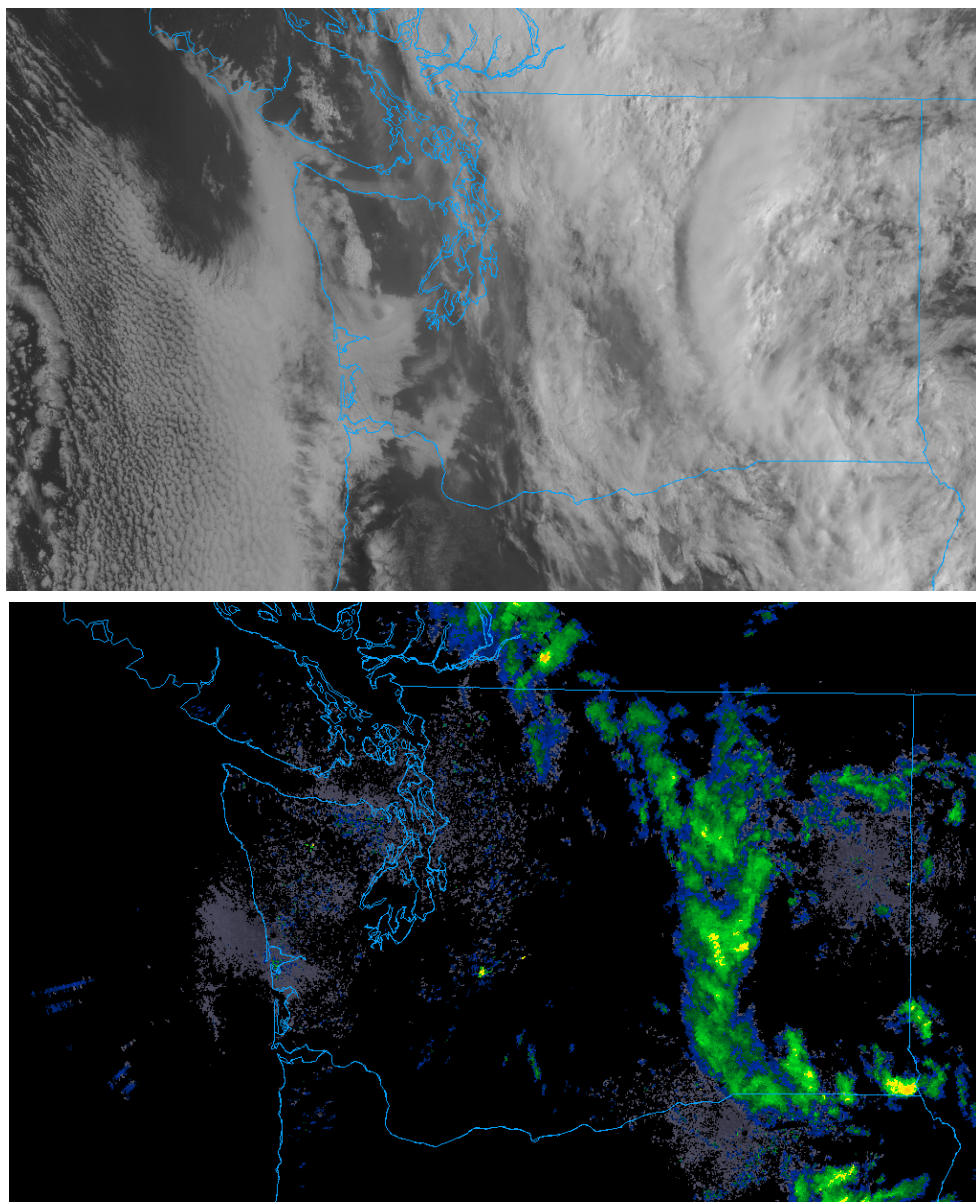
A few areas primarily along the Cascade crest and across the Northern Cascades were able to pick up a wetting rain over the past 24 hours. Latest satellite imagery shows monsoonal moisture continuing to push its way northward across the state this morning. The bulk of the precipitation persists on the east side of the state and remains rather light at this time, though some showers do continue to make it over to the west side of the northern Cascades as well. Overall, expect showers to continue through the morning and afternoon hours today, before tapering this evening. Chances of wet thunderstorms do remain possible for areas across E WA and along the North Cascades this afternoon and into the evening.

The stream of monsoonal moisture and its associated cloud cover have helped to keep temperatures cooler across most of the state today. Overall, expect highs today to be in the upper 60s to mid 70s for W WA and in the 80s-90s for the majority of E WA. The added monsoonal moisture has also allowed for min RH values to trend upward for the east side of the state-where RHs have increased from the critical 10-20% to 30-50% today. Meanwhile, min RHs are expected to generally range from 40-80% west of the Cascades.

Some brief elevated winds across portions of the Columbia River gorge will be possible today, with gusts reaching between 15-25 mph at times. Elsewhere, winds should remain generally light. The only exception would be brief gusty and erratic winds in the vicinity of any thunderstorms that do develop. Winds on the east side of the state generally look to remain southerly through the afternoon, before transitioning to northerly by early evening. Meanwhile, expect a mix of onshore and northerly flow to continue through most of the day for areas west of the Cascades.

Smoke looks to mainly remain aloft for portions of the west side, however near-surface smoke on the east side may restrict visibilities at times across north-central WA today.

Please refer to local NWS warnings and forecasts for specific details.

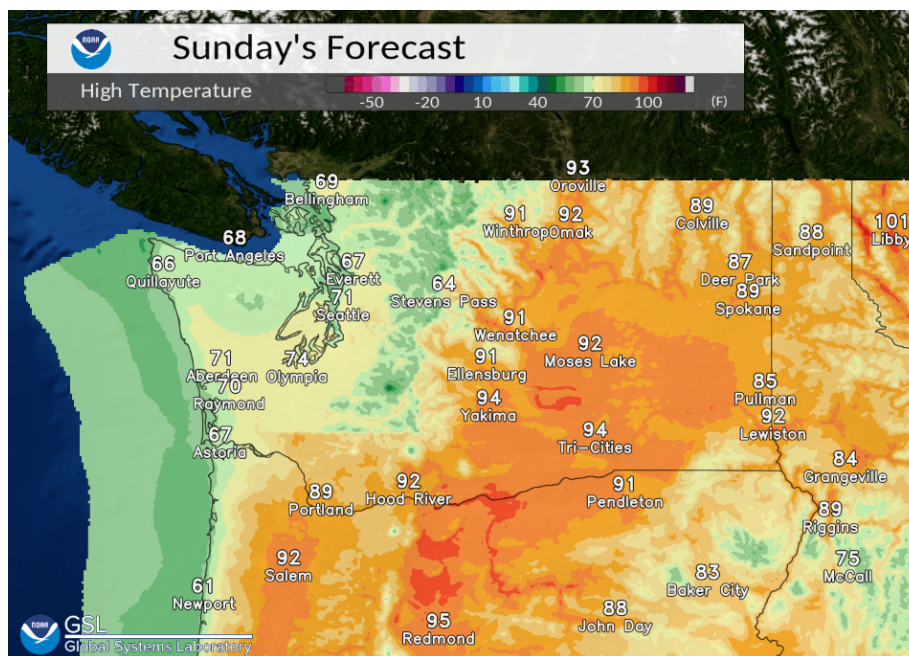


Satellite & Radar Imagery Courtesy: College of DuPage Weather 9:30 AM

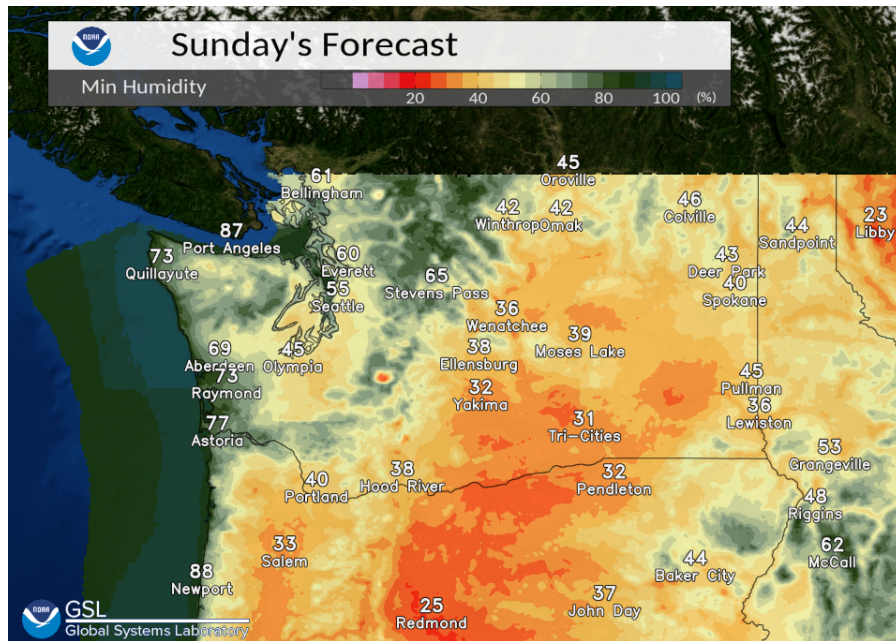
Monsoonal moisture continues to make its way northward across WA state this morning. Radar shows some light showers associated with the plume of moisture E of the Cascades and spilling to the west side of the northern Cascades.

Outlook:

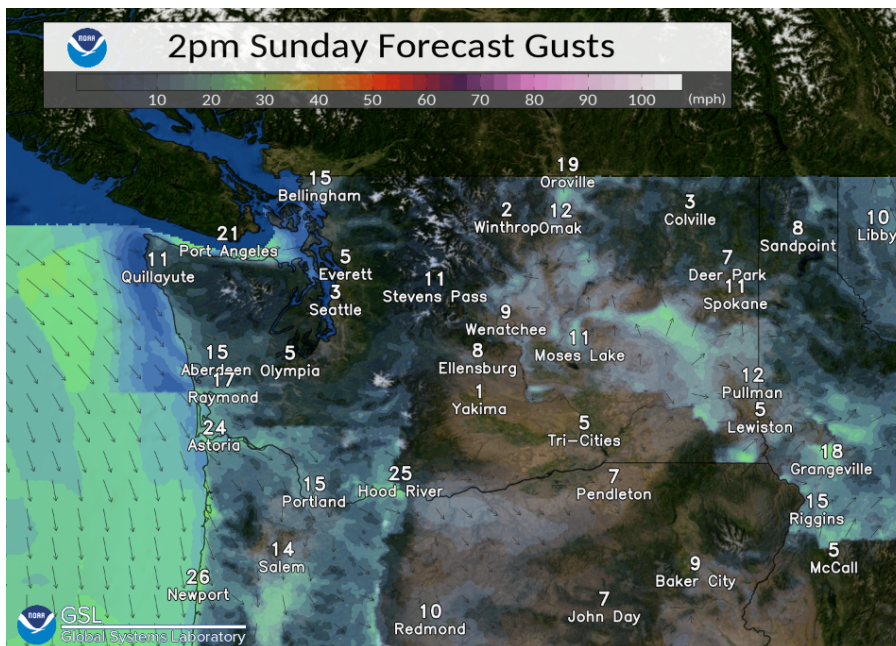
Upper level ridging over the region will shift east today, while an upper level trough remains offshore. An upper level shortwave will move across the state today, bringing the potential for some wet thunderstorms this afternoon and evening. The pattern of upper ridging to the east and troughing offshore will hold into Monday. Temperatures will rise slightly, mainly for areas across the east. Highs on Monday look to increase back to the upper 90s and low 100s for E WA, while temperatures across W WA will only increase slightly to the 70s to low 80s across the interior. Far NE WA could see another shot of wet thunderstorms as a shortwave moves over Idaho and western Montana on Monday. Near midweek, a trough looks to push northeastward across eastern WA, bringing the potential for some thunderstorms and elevated fire concerns as conditions become hot and unstable again. A system then looks to approach the region late week, possibly bringing the potential for more wetting rains to the region. Confidence in the track of the late week system remains low, but it could bring the potential to more wetting rains across the state and will bear watching over the coming days.



Temperatures will be cooler across E WA today-and mainly in the 80s- 90s given more cloud cover across the region. Temps across W WA will be in the 60s-70s.



Added monsoonal moisture across the region will increase min RH values across E WA today- to 30-50%. Min RH values will generally range from 40-80% across W WA.



Some brief elevated winds will be possible across the Columbia River Gorge at times today, with gusts between 15-25 mph at times. Winds elsewhere should remain rather light, though may become gusty and erratic in the vicinity of any thunderstorms that do develop.